

DEPARTMENT OF TRANSPORTATION
ADMINISTRATIVE SERVICES DIVISION
1401 EAST BROAD STREET
RICHMOND, VA 23219

NOTICE OF CONTRACT AWARD

1. DATE.....October 27, 2005
2. COMMODITY NAME.....Tractor (65 PTO HP) with Mower
3. CONTRACT NUMBER.....**24441**
4. CONTRACT PERIOD..... Oct. 26, 2005 through Oct. 25, 2006
(With 2 one-year renewals possible)
5. AUTHORIZED USERS.....State Agencies and Other Public Bodies
6. CONTRACTORS FIN NUMBER.....54-1263693
7. CONTRACTOR.....Boone & Beckner Implement
5264 West Main St.
Salem, VA 24153
8. CONTRACTOR CONTACT PERSON.....Donald W. Beckner, Jr.
9. CONTRACTOR'S PHONE NUMBER.....(540) 387-4240
FAX NUMBER (540) 387-4249
10. PRICES AND OPTIONSSee attached
11. DELIVERY.....180 Days
12. FOR FURTHER CONTRACT INFORMATION CONTRACT:.....Caroline Hudgins
(804) 786-2725
13. FOR ADDITIONAL COPIES OF THIS AND OTHER CONTRACTS AND ANY
ASSOCIATE CONTRACT CHANGES, CALL (804)-786-2725.

INSTRUCTIONS

1. Orders: Unless otherwise instructed by the Department of Transportation, institutions and agencies of the Commonwealth of Virginia may order items listed by issuing agency purchase orders (Form DPS-41-056) or by issuing their own purchase order form. Please forward copy of order to VDOT. – FAX – 804-225-4292 – ATTN: Caroline Hudgins
2. Virginia cities, counties, towns and political subdivisions may use their own form to order items listed in this contract
3. The applicable contract number, federal employer identification number (FIN) and item number (for itemized contracts) must be shown on each purchase order and copy.
4. Inspection on delivery or equipment and approval of vendor's invoice is the responsibility of receiving State Agency, Virginia City, county, town or political subdivision.
5. Any complaint as to quality faulty or delinquent delivery, or violation of contract provisions by contractor shall be reported to the Department of Transportation for handling with the contractor. Preprinted forms (DGS-41-024), by which to facilitate the notification of the contractor and this office of complaints, are available from the Division of Purchases and Supply (786 -3522)
6. SPECIFICATIONS: See Attached



Commonwealth of Virginia
Department of Transportation
CONTRACT PRINT

Run Date: 10/26/2005
Run Time: 07:52 AM

Page No. 1 of 2

Contract Description: TRACTORS W/MOWERS 65HP

Contract ID	:	000000000000024441	Contract Begin Date	:	10/26/2005
Effective Date	:	10/27/2005	Contract End Date	:	10/25/2006
Max Amount Per Contract	:	\$.00	Buyer	:	Caroline Hudgins
			Buyer Phone Nbr	:	804/786-2725

Vendor Name	:	BOONE & BECKNER IMPLEMENT	Vendor ID	:	0000001034
Address1	:	5264 WEST MAIN STREET	Phone	:	540/387-4240
Address2	:		Fax	:	540/387-4249
Address3	:		Vendor Contact	:	JR. DONALD W. BECKNER
Address4	:		Vendor Contact Phone	:	540/387-4240
City	:	SALEM			
State	:	VA Zip Code : 24153			

Comments :

THIS CONTRACT IS A RESULT OF RFQ 99431.

INVOICE TO: VDOT, ASSET MANAGEMENT DIV., 1401 E. BROAD ST., RICHMOND, VA 23219

PERIOD OF CONTRACT: ONE YEAR FROM DATE OF AWARD WITH 2 - 1-YEAR RENEWALS AVAILABLE.

10% DISCOUNT OFF OF MSRP FOR ADDITIONAL OPTIONS AND ACCESSORIES NOT LISTED ON CONTRACT.

DELIVERY - 180 DAYS AFTER RECEIPT OF ORDER.

VENDOR CONTACT: DONNIE BECKNER/JOHN THURMAN - 540-387-4240

Line Nbr	Item Code	Make,Model	Item/ Category Description	UOM	Unit Price	Max Qty	Min Qty
1	0206675420	NEW HOLLAND TL80A	WITH ALAMO SWITCHBLADE TRACTOR W/MOWER, RIGHT SIDE CUTTER BAR, 65 PTO HP MOWERS, TRACTOR MOUNTED, PER VADOT SPECS	EA	32,411.7400	0.00	0.00
2	0206675912	CAB OPTION	OPTION - CAB, TRACTOR W/MOWER MOWERS, TRACTOR MOUNTED, PER VADOT SPECS	EA	4,325.0000	0.00	0.00
3	0206675924	4-WHEEL DRIVE OPTION	OPTION - FOUR WHEEL DRIVE, TRACTOR W/MOWER MOWERS, TRACTOR MOUNTED, PER VADOT SPECS	EA	4,387.0000	0.00	0.00
4	0206675400	RIGHT & LEFT CUTTER BARS	OPTION - RIGHT AND LEFT CUTTER BARS, TRACTOR W/MOWER MOWERS, TRACTOR MOUNTED, PER VADOT SPECS	EA	7,302.0000	0.00	0.00

End of Report



VIRGINIA DEPARTMENT OF TRANSPORTATION

SPECIFICATIONS

Tractor with Mower (Right Side Cutter Bar), 65 HP

General: It is the intent of these specifications to purchase an industrial series tractor with cutter bar mower suitable for mowing highway right of way.

Options: The specifications contain various options for purchase at the time the units are ordered.

Bidders shall quote the additional cost as applicable to the base specifications of the tractor with mower.

Bidder must provide the same make and model of the tractor and mower as bid in the base specifications except for changes necessary to comply with the options.

Weight and Wheelbase: The basic 2WD tractor with ROPS furnished must weigh a minimum of 5700 lbs. No counterweight, cast-iron wheels or hydro inflation may be used to increase the tractor weight. Wheelbase is to be at least 85". No wheelbase extensions or modifications may be used.

Engine: The tractor is to be powered by a minimum 4-cylinder diesel engine having at least 270 cubic inch displacement and rated at not less than 65 PTO horsepower. Engine is to be equipped with air filter, oil filter, fuel filter, governor, electric starter, alternator/generator, battery, muffler, and cold weather starting aid.

Engine coolant is to be ethylene glycol type antifreeze meeting the requirements of TMC RP-329 (fully formulated, low silicate, nitrite containing) mixed 50-50 with water to provide -34° F., protection. Antifreeze is to be on the current Penray® Fill-For-Life program approved list. Documentation should be provided with the bid to show that the coolant is on the list.

If exhaust is vertical, a rain cap or deflector elbow is to be furnished.

Transmission: The transmission is to be a standard manual synchronized shift with not less than 8 forward and 3 reverse speeds. Transmission is to be synchronized for gear changes and have either forward-reverse power shuttle or be synchronized for forward-reverse shifting.

Clutch is to be single stage, dry disc, minimum 10 3/4" diameter or multiple wet disc, minimum 5.75" diameter.

PTO & Three-Point Hitch: The PTO is to be 540 RPM, 1-3/8" spline, fully independent. To include a shield.

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The three-point hitch is to be hydraulically controlled, Category II convertible to Category I. To include sway bars and swinging drawbar.

Both PTO and three-point hitch are to be controlled independently of mower attachment.

Brakes: Tractor is to be equipped with disc brakes, independently operated.

Tires & Drive Train: Tractor to be equipped with not less than 7.50 x 16 or LT235/85R16, load range E, truck type tires on front axle. Tires to be Goodyear Unisteel G159, Michelin XPS, or an equal tire with full steel casing and steel belts. Front axle is to be maximum capacity heavy duty unit available from the manufacturer for highway work. It is to be equipped with power steering.

Rear tires are to be not less than 16.9 x 30, 6 ply, R1 or R4 tread. Rear axle is to have differential lock.

ROPS: A roll bar with canopy is to be furnished according to OSHA Standards. Any other equipment required to meet current OSHA Standards shall also be furnished.

Instrument panel is to include tachometer, hour meter, engine temperature indicator (if water-cooled), oil pressure indicator, and charging system indicator.

Operator's seat is to be spring suspension type, fully upholstered, with full operator backrest or be wrap around design. It is to include a seat belt.

Tractor lighting is to include at least two headlights, taillights, turn signals, and two amber flashing warning lights visible to both front and rear.

The tractor is to be equipped with a rearview mirror.

Tractor Hydraulics: Tractor hydraulics are to be capable of supplying at least 15 gpm to the remote valves.

Unit is to be furnished with a total of 3 remote hydraulic valves. Valve functions are to be as follows:

- | | |
|-----------|--|
| Valve 1 - | 4-way, 3-position, detented, with A and B ports blocked center condition. |
| Valve 2 - | 4-way, 3-position, spring return to center, A and B ports blocked center condition. Valve will be used to raise and lower a snowplow. |
| Valve 3 - | 4-way, 3-position, spring return to center, A-B-T type center condition (float center). Valve will be used to operate a power reversing snowplow with latch. |

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Manufacturer's standard remote hydraulic valves are acceptable as long as a detented float position is provided on at least one valve and the remaining two valves can be used to lift and hold a load hydraulically.

Valves are to be sized so that any valve can handle full capacity of tractor hydraulic system.

Valves are to be located outside of cab with controls convenient to operator. If valves are not controlled by tractor manufacturer's standard levers, they are to be cable or electrically controlled. Any openings made in cab to route cables or wires are to be weatherproofed.

Hydraulic outlets are to be at rear of tractor and have industrial style valved quick disconnects, 1/2" size. Mating nipples shall be provided for each outlet.

Mower: A hydraulically controlled right side cutter bar is to be furnished and mounted in front of rear wheel. Cutter bar to be heavy duty, 6' in length, to operate at an angle of not less than 80 degrees above and 45 degrees below horizontal and must have tilt of approximately 5 degrees up and 5 degrees down from horizontal. It shall be capable of cutting the full 6' length of the cutter bar in any height grass without clogging. The hydraulic drive motor shall be mounted on the cutter bar and directly coupled to the cutter bar. Pitman arm design will not be acceptable. Mower is to be designed so that it is mounted as close to the tractor centerline as practical. Tractor mower must have hydraulic curb or vertical lift. Controls to be independent hydraulic for curb lift or inner shoe and for cutter bar operation. Shall have full-floating position to allow the inner shoe to follow the terrain contour. Mower shall be equipped with a stay rod, lock pins, or chain to support cutter bar and remove the load from the hydraulic cylinders during transportation.

The cutter bar shall be equipped with a hydraulic safety breakaway system comprised of a rotary actuator and load holding valve. The hydraulic breakaway shall maintain a constant torque throughout its 90-degree operational range. In the event of a breakaway, system shall be reset manually (by the operator) with the hydraulic control valve. The breakaway system shall include an elastomeric shock absorber for soft return to position.

The mower shall be side-mounted to the tractor, using a full-length frame with either 4" x 4" x 5/16" or 3" x 5" x 1/2" steel tubing mounted to the front bolster of the tractor and to the rear axle of the tractor. Framework bolted to the bell housing of the tractor will not be accepted.

Hydraulic pump is to be front mounted, crankshaft driven. Pump shall have two sections, one to power the cutter bar and the other to power the mower hydraulic cylinders. Pump is to be sized to provide adequate flow to the mowers at engine speed equivalent to 540 PTO RPM without overheating the hydraulic system. Hydraulic system shall have relief valve to protect mower components in the event of a knife jam.

Mower shall be mounted by mower manufacturer at their manufacturing facility to insure uniformity and quality of the installation.

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Hydraulic reservoir is to be located so as not to restrict airflow to radiator or interfere with servicing of tractor. To be designed so that filter can be changed without draining reservoir. Reservoir is not to block headlights.

Hydraulic Workmanship: Any hydraulic components added to the equipment by the original equipment manufacturer, selling dealer, mower manufacturer, or aftermarket supplier shall use the best practices of the industry. All hydraulic lines are to be correctly sized and rated for system requirements. Any threaded components requiring sealant are to be treated with thread sealant. Teflon tape on fittings and other threaded connections is not acceptable.

All hydraulic components are to be securely attached as recommended by the manufacturer. Tubing and hoses shall be protected by grommets wherever they run through metal panels. Hoses shall not be installed at less than the manufacturer's listed minimum bend radius. Hoses shall be provided with a protective sheathing wherever abrasion may occur due to movement of components. Sheathing may be a heavy duty nylon product or flexible steel product.

Miscellaneous: A slow-moving vehicle emblem is to be affixed to rear of tractor.

A front bumper/grille guard is to be furnished on the tractor. It is to protect the front of the hydraulic pump and at least 4" elevation below the pump.

Two brackets, designed to hold two spare knife bars, are to be furnished and mounted on hood sides or in a convenient location on tractor.

All attachments and accessories are to be mounted on the tractor so as not to create a safety hazard for the operator or interfere with accessibility to air, oil, and fuel filters, other normal service requirements, and normal operations.

General Workmanship: All workmanship shall be in accordance with good commercial practices. All cutting, drilling and machining are to be finished so that edges are smooth. Hand cutting by torch is not acceptable. Welds shall be finished to insure satisfactory appearance of the completed unit.

Electrical Workmanship: Any electrical components added to the equipment by the original equipment manufacturer, selling dealer, body company, or aftermarket supplier shall use the best practices of the industry. Absolutely no Scotchlok™ or similar quick connectors shall be used in the electrical wiring.

A properly designed circuit with a fuse or circuit breaker for protection shall be provided. External (outside of cab) electrical connections and wiring shall be in weatherproof enclosures or inside surface mount plastic junction boxes with covers. Junction boxes to be Betts Part #470041 or approved equal. To have internal terminal block for wiring junctions. To use compression fittings on jacketed cable, or accept plastic conduit (not vinyl tubing), to make a weatherproof seal.

Internal (inside of cab) electrical connections and wiring shall be in a protective enclosure to prevent accidental damage.

All wire ends (both external and internal) shall be fitted with the proper size spade, lug or ring terminals. Terminal to wire connection shall be properly crimped and/or soldered and protected with proper heat shrink tubing. All spade terminals or pin type wire connections shall be coated with a corrosion preventative compound, similar to Truck-Lite's NYK-77, designed for use with electrical switches, contacts and terminals.

Correctly sized grommets are required to protect wires wherever they run through panels. If panel separates interior and exterior surfaces, a weathertight seal shall also be provided. A grommet shall be provided even if it is necessary to use additional sealer to make the area weathertight.

VDOT Minimum Acceptable Warranty Requirements – Off-Road Equipment:

The warranty of each unit shall include the chassis, engine, drive train, modifications, attachments, etc., and shall be equal to or greater than the current OEM standard warranty. The unit and all final-stage components shall be warranted and guaranteed to be free from defects beginning at VDOT's established In-Service Date. Parts and Labor shall be covered at one hundred percent (100%). Wear items such as blades, guards, etc. are excluded.

The successful bidder, under the manufacturers' warranty, or their own warranty, shall make good any defects, not due to typical wear items or improper use, which may develop within the warranty period. Body Manufacturers or Attachment/Upfit Vendors supplying attachments or Upfit items only, are responsible for the product/service they provide, unless otherwise noted. All materials and accessories used in the vehicles/equipment, whether the manufacturer makes them or they are purchased from an outside source, shall be covered under this warranty provision. The minimum acceptable warranty requirements for the product(s) requested are listed on the following page. No third party sureties, after market warranties, or warranties offered from anyone except the dealer or OEM shall be acceptable.

A copy of this warranty signed by an authorized agent for the successful bidder shall be provided in the bid documents. The warranty shall cover each vehicle/equipment purchased on this contract. Any modification added to the base OEM vehicle that must be removed from the vehicle to perform warranty work will be at the cost of the warranty provider.

Should the manufacturer's standard warranty exceed the minimum State warranty requirements, the manufacturer's warranty will run in conjunction with and enhance the State's warranty, then continue for the remainder of its term. A copy of all warranties for the complete unit, plus attachments shall be provided with the bid documents.

Warranty Claims: If practicable, warranty work will be performed at the OEM dealer shop(s) and or authorized repair facilities. However, because of the remoteness of some equipment, the number of units and/or the cost of the repair, this is not always practical or economical. VDOT requests the right to perform warranty work in-house and submit warranty claims for the cost of

the repairs. Parts may be supplied by the OEM or purchased through the dealer network for reimbursement. Labor hours to be charged will be the actual repair time used at VDOT's applicable flat labor rate in effect at the time of the repair. When the OEM or Selling Dealer does not authorize VDOT to do the warranty work, the vendor(s) may at their option send their technicians to perform warranty work. In any event there will be no charge to VDOT for travel or transportation expenses for technician travel, parts and/or labor associated with warranty work. All transportation charges incurred for freight, and/or parts delivery and pickup will be at the vendor's expense. Transportation of vehicle/equipment to service facilities for warranty or recall repairs is to be kept to a minimum. In the event the equipment must be taken to a warranty shop for repair VDOT will cover the transportation costs, including towing, and /or driver's time. If the equipment can be reasonably repaired at the breakdown location or at a VDOT repair location and the warranty provider requires the equipment to be transported to their service facility, the vendor will be responsible for transportation costs to and from that location. Reasonable repairs are those that do not require extensive time and/or labor to return the unit to service. (Extensive in this case means - more than 2 hours or where significant attachments or devices would have to be removed in order to accomplish repairs.)

Factory Recall: Nationwide factory recall or product update repairs or replacements are the responsibility of the vendor and/or manufacturer. In such cases, factory recall and modification work will be handled in the same manner as warranty work.

Minimum Warrant Requirements: In order to comply with the terms of this contract, the bidder shall provide the following minimum warranty requirements for the vehicle/equipment being offered. Signature must be provided.

Complete Unit — *Minimum of 24 months or 2,000 hours (whichever is first), or Manufacturers standard warranty - whichever is greater*

Attachments/Upfit Items — *Two (2) years or 2,000 hours (whichever is first) , less wear items and normal maintenance items - or manufacturers standard warranty - whichever is greater*

<i>Check Warranty that Applies</i>	<i>Yes</i>	<i>No - (Give Reason)</i>
Unit Warranty Included in Bid Documents		
Attachment/Upfit Item Warranties Included in Bid Documents		

By signature the bidder agrees to abide by the terms and conditions specified in this warranty document. Failure to complete this portion of the bid document will cause the bid to be rejected for non-compliance with bidder requirements.

Signed By: (Print Name) _____

Signature: _____ **Date:** _____

Work Title: _____ **Phone** _____

Paint: Tractor and mower shall be manufacturer's standard color.

Advertisement: No stickers, decals, or plates displaying dealer or distributor name or logo shall be affixed to equipment. Manufacturer plate with model and serial number is to be on the equipment.

Spare Filters: Each machine delivered is to include one spare filter for each system (air, fuel, engine oil, hydraulic, etc.) on the machine. Filters are to be boxed and labeled for each receiving location. Shipping loose in the cab of the machine is not acceptable. All filters must be received before the unit will be accepted for payment.

Delivery: Equipment shall be delivered to District Headquarters locations listed in the Request for Quote (RFQ). Unit to be fully assembled and ready to operate, and all training, forms, and other items required by this specification must be furnished, before being accepted for payment by VDOT.

Equipment shall be delivered on a trailer with the capability of having the unit unloaded directly from the trailer without the aid of a loading ramp. VDOT personnel will not be obligated to unload any equipment delivered on a trailer requiring a loading ramp.

Deliveries will be accepted only between the hours of 8:30 a.m. and 4:00 p.m. on regular workdays. No deliveries will be accepted on weekends or state holidays.

Pilot Model: A pilot model will be required. It will be inspected and then placed in service for a minimum of three working days. Upon satisfactory operation, approval to ship the remaining units will be given by VDOT's Asset Management Division. NOTE: The pilot model is to be delivered to a district location specified by VDOT's Asset Management Division. Contact the Assistant Director for Equipment Management's office at (804) 236-3649 to schedule delivery. The district locations will not accept delivery of any units until the pilot model has been approved.

Operation and Maintenance Instruction: A manufacturer or dealer representative of both tractor and attachment is to inspect the equipment after delivery and provide technical instructions on the operation and maintenance requirements for the unit to each district receiving equipment. This must be scheduled with the VDOT District Equipment and Facilities Manager. The manufacturer/dealer furnishing the equipment must agree to allow these instructional sessions to be videotaped by VDOT to be used for future instructions for VDOT personnel. This instruction must be performed before the unit will be accepted for payment, unless waived by VDOT.

Current Model: Equipment is to be a standard proven model of manufacturer's latest current production and include all standard equipment as advertised with additional optional equipment outlined herein. All components, unless otherwise required by these specifications, shall be the standard or optional equipment specifically advertised and installed by the manufacturer.

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Manufacturers of the units supplied must have been in the business of producing operational units for at least five years. The model furnished must have been in production and in use by customers for at least two years, or be the latest version of a previous model. Bidder should be prepared to provide documentation to VDOT that within the previous three years at least 100 units representative of the make and model bid have been sold in the United States. A list of owners and their telephone numbers may be requested.

Bid Literature: Descriptive literature will be required to substantiate the details specified in bid.

Equipment Data Sheet: Upon receipt of order, successful bidder will be furnished an "Equipment Data Sheet" requesting details of unit being furnished. It is to be completed and returned to the Asset Management Division within six calendar weeks after receipt. Unit delivered must be in accordance with information furnished on the Equipment Data Sheet unless otherwise approved by the Asset Management Division.

Note: The Equipment Data Sheet must be completed and returned by mail to the VDOT - Asset Management Division, Equipment Section, 1401 East Broad Street, Richmond, VA, 23219, or by fax to (804) 236-3609, before unit(s) will be approved for payment.

Catalogs and Manuals: Parts catalogs, service manuals, operator's manuals, or other material needed to satisfy these requirements are not to be bid as separate items. All materials shall be furnished as specified and applicable to the equipment bid at no additional cost. The successful bidder specifically agrees that such material supplied under this section may be copied or reproduced in any manner for use by VDOT.

- A. Two (2) electronic format copies of descriptive parts catalogs, operator's manual and shop/service manuals containing OEM part numbers covering all systems, components and accessories for the specific make & model of equipment bid are to be provided and delivered to Erle Potter, Assistant Director for Equipment Management, VDOT Asset Management Division, Equipment Section, 1401 E. Broad Street, Richmond, VA 23219, as soon after receipt of purchase order as possible.
- B. One (1) operator's manual for the specific make & model of equipment shall be in each piece of equipment when delivered. Failure to furnish will delay payment.
- C. Two (2) electronic format copies of manufacturer's production list of materials or bill of materials (line setting sheet) containing OEM part numbers, parts codes, and variations unique to serial numbered equipment delivered, covering all systems, components and accessories shall be furnished prior to equipment delivery. (Must provide letter from manufacturer stating that this list is not available to be exempt from this requirement.)
- D. One (1) electronic format of the list of consumable and preventative maintenance items (filters, hoses, belts, brake pads, etc.) for the exact model of equipment offered shall be

furnished prior to equipment delivery. (This list may be manufacturer or dealer compiled.)

- E. Two (2) electronic format copies of quarterly updates of parts catalogs and shop manuals for the specific make and model of equipment delivered shall be furnished to VDOT at the same time such updates are furnished to the dealer.

Electronic Format: The successful bidder shall be responsible for providing the electronic media as described above in a format recognizable and useable by VDOT and Service Professionals, Inc.(FleetCross). All electronic pages shall be in .pdf normal text format with no encryption, de-skewed for proper viewing. Landscaped pages shall be rotated to portrait view and all colored text and graphics shall be maintained including wiring schematics. Electronic manuals shall represent the text associated with manuals with accuracy of 99+%.

In lieu of electronic format, VDOT will accept two original paper versions of items listed above. Where possible, paper version is to be presented in 8.5" by 11" portrait presentation. Items A and C will be converted for VDOT in electronic format and the successful bidder will be assessed a total of \$.50 per page for the conversion of data. A page is defined as an 8.5" by 11" sheet, one sided. The successful bidder will be invoiced the pass through conversion costs VDOT incurs from Service Professionals Inc. to convert to the electronic format as indicated above.

Special Note: VDOT will not make payment of any equipment until one of the following has been satisfied:

- Electronic manuals or paper manuals, or
- Access to and approval to reproduce from the manufacturer's web site, or
- An agreement with Service Professionals Inc. and the OEM exists to provide the required manuals as stated above.

Payment for the equipment shall not be rendered by VDOT until such electronic manuals are determined by VDOT to be suitable for use in VDOT's electronic infrastructure.

Technical Service Bulletins: Successful bidder shall provide technical service bulletins (TSBs) for all equipment delivered to VDOT as they are published regardless of the date of delivery. TSBs may be furnished in paper format, on CD-ROM updated regularly. VDOT personnel will monitor receipt of TSBs and may contact the successful bidder if no TSBs are received. The successful bidder specifically agrees that such material may be copied or reproduced in any manner for use by VDOT.

Training topics will be determined by VDOT and communicated to the manufacturer's training representative by ManTech. A list will be sent to the manufacturer's training representative detailing any problems VDOT has encountered with the equipment. Training shall include complete diagnosis and repair of the listed problems as well as detailed preventive maintenance

procedures (A, B, C, & D levels) and discussion of any problems or updates known by the manufacturer. ManTech will send the list to the manufacturer two months prior to the scheduled training date.

One training session will be scheduled in each district (at the district equipment section location) that received the equipment. The maximum number of training sessions required per year would be ten. For renewable term contracts, training sessions will be required each year orders are placed from the contract.

Training sessions will include a minimum of 16 hours (two eight-hour days) of training.

Manufacturer's Training Representative

Name: _____

Telephone Number: _____

* * * * *

OPTIONS

Option 1: Cab: The tractor is to have a factory installed cab. It is to include safety glass, heater/defroster, factory installed air conditioner, front windshield wiper, and ROPS structure as required by OSHA. Cab to be flat deck design.

Instrument panel is to include tachometer, hourmeter, engine temperature indicator (if water-cooled), oil pressure indicator, and charging system indicator.

Operator's seat is to be spring suspension type, fully upholstered, with full operator backrest or be wrap around design. It is to include a seat belt.

Tractor lighting is to include at least two headlights, taillights, turn signals, and two amber flashing warning lights visible to both front and rear.

The tractor is to be equipped with right and left outside mirrors.

Cab side (door) on the mower side is to have a window in the lower portion near floor so that the operator can see the heel of the mower.

Option 2: Four-Wheel Drive: The tractor is to be equipped with manufacturer's front wheel drive option. Front wheel drive is to be designed so that it can be engaged or disengaged by the operator. To be equipped with power steering. Front tires are to be 6-ply rating, R1 or R4 tread and must be matched in size and tread with rear tires to insure proper operation with front wheel drive engaged.

Option 3: Right and Left Side Cutter Bars: Tractor shall meet all of the standard mower requirements except that it shall also be furnished with a left side cutter bar in addition to the

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standard right side cutter bar. Cab sides (doors) on both sides are to have a window in the lower portion near floor so that the operator can see the heel of either mower.

Option 4: Training Video: (This is not a required option and will not be used in determining the bid award.) It is desired to secure video tapes in VHS format outlining operation and maintenance requirements for the units furnished. The tape should include information normally covered in the operator's manual including basic operation techniques, basic maintenance and safety concerns. The tape shall be produced by the equipment manufacturer for the specific unit furnished, or be endorsed by a road maintenance/construction organization such as the Construction Industry Manufacturer's Association (CIMA). Tapes are desired for engines, transmissions, attachments and other components not covered by the manufacturer's video. Please list the items available with the name, part number, a brief description of the contents and the price on the bid sheet.